

ATUL SINGH

CKA and a SOFTWARE ENGINEER



ABOUT ME

Results-driven Certified Kubernetes Administrator and a software engineer with 4 years of experience in strategic problem-solving and product management. Experienced in offer guidance and working with team to achieve concrete goals

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EDUCATION

- BCA | 2017
- XII | 2013
- X | 2011

CERTIFICATION

- Certified Kubernetes Administrator (LF-he87bpmp1h)
- Android development and forensics expert.
- C, Bash and Java from IIT Bombay
- AIR NCC A division

EXPERIENCE

Software Engineer (2019-Present)
Ennoventure Inc.

- Responsible for Production and Development pipeline for building scalable and self healing micro services and handle on premise as well as cloud cluster with the help of Kubernetes as orchestration and Docker.
- Built CI/CD pipeline with Kubernetes and Docker supported by Gitlab (Docker image).
- Deployment of ML models using Kubernetes and TFExtended.
- Writing API's, Handling of VM's, Use of Databases (DynamoDB and MongoDB) and handling other cloud resources in AWS and GCP.
- Written some Computer Vision operations using C++ (Opencv) and V8 Engine to create addon for Nodejs that perform out of the box.
- Training and Testing of Machine Learning Models.

Senior Python Developer (2017-2019)
Evenrank Data Sciences

- Written multiple Data scraper and web spiders using libraries like Scrapy, BeautifulSoup, lxml, selenium and Puppeteer.
- Built API's with Expressjs, Socketio, and MongoDB and frontend with Mustache.
- Task automation using Selenium and CRON.
- Worked with NoSql and Sql with the help of ORM in different projects.
- Worked on Chrome extension as one of our company's products.
- Worked with NLP for text data using Python (NLTK).

OPEN SOURCE

- Face Recognition, QnA bot (BERT), Self Driving Car.
- Instagram data scraper in PHP
- Facebook new UI clone in Reactjs.
- Maintainer of EAST (C++ and Python) for Text Detection.

TECHNICAL SKILLS

Languages: Python, Golang, C++, JS, PHP, JAVA, HTML5, CSS3

Cloud: AWS and GCP

Databases: MongoDB, MySQL, SQLite and Influxdb

VCS: Git and SVN

Orchestration and Containerization: Kubernetes and Docker

Machine Learning: TensorFlow, Keras, PyTorch and Scikit-learn

Data processing and Maths libraries: Pandas, OpenCV, Numpy

Data Visualization: Matplotlib and Seaborn